

Species Tag: 45010 Species Name: HOCO+  
Version: 1 Protonated CO<sub>2</sub>  
Date: March 1995  
Contributor: H. M. Pickett

Lines Listed:	1745	Q(300.0)=	2370.828
Freq. (GHz) <	9994	Q(225.0)=	1693.558
Max. J:	30	Q(150.0)=	997.700
LOGSTR0=	-7.9	Q(75.00)=	365.595
LOGSTR1=	-8.0	Q(37.50)=	129.599
Isotope Corr.:	0.0	Q(18.75)=	46.698
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	19.262
$\mu_a$ =	2.0	A=	789950.574
$\mu_b$ =	2.8	B=	10773.736
$\mu_c$ =		C=	10609.432

The line measurements are from M. Bogey, C. Demuynk, J. L. Destombes, and A. Krupnov, 1988, J. Mol. Struct. **190**, 465. The dipole moments are based on calculations by S. Green *et al.*, 1976, Chem. Phys. **17**, 479.